

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) A method for use by a subscriber unit to select a time to receive a transmission from a wireless local area network access point using a shared wireless communication resource, comprising:

- receiving a beacon transmission from the access point comprising first information that corresponds to times when other subscriber units are proposing to utilize the shared wireless communication resource, wherein receiving a beacon transmission comprises receiving the beacon transmission at a scheduled time;
- using the first information to select a particular time to receive data from the access point using the shared wireless communication resource;
- transmitting the selected particular time;
- determining that the transmission at the selected particular time was not received by the access point; and
- selecting a new time to permit reception of data from the access point using the shared wireless communication resource including:
 - receiving another beacon transmission from the access point comprising second information that corresponds to times when other subscriber units are proposing to utilize the shared wireless communication resource; and
 - using the second information to select a new particular time to receive data from the access point using the shared wireless communication resource.

2. (canceled)

3. (previously presented) The method of claim 1 wherein receiving the beacon transmission at a scheduled time further comprises altering a subscriber unit operating mode from a sleep mode of operation to an active reception mode of operation.

4. (original) The method of claim 1 wherein using the first information to select a particular time to receive data comprises scheduling a subscriber unit sleep mode of operation to permit reception of data at the selected particular time.

5. (original) The method of claim 1 wherein the shared wireless communication resource comprises an 802.11 compliant shared wireless communication resource.

6-21. (canceled)

22. (currently amended) A subscriber unit for use with a wireless local area network access point using a shared wireless communication resource, comprising:

- a shared wireless communication resource compatible transceiver;
- a controller having at least an active mode of operation and a sleep mode of operation and being operably coupled to the transceiver;
- a memory operably coupled to the controller having, at least from time to time, stored therein:
 - a plurality of proposed times received from the access point at which other subscriber units have proposed to utilize the shared wireless communication resource, wherein the proposed times are part of a regularly scheduled beacon transmission from the access point;
 - a first scheduled time at which the controller will shift from the sleep mode of operation to the active mode of operation;
 - a second scheduled time at which the controller will cause the transceiver to receive data as transmitted by the access point;
- wherein the controller comprises scheduling means for using the plurality of proposed times to select the first and second scheduled times, for causing transmission of the data to the access point at the second scheduled time when there is no proposed time, and for further selecting another scheduled time when an apparent conflict appears to exist with another subscriber unit at the second scheduled time.

23-25. (canceled)